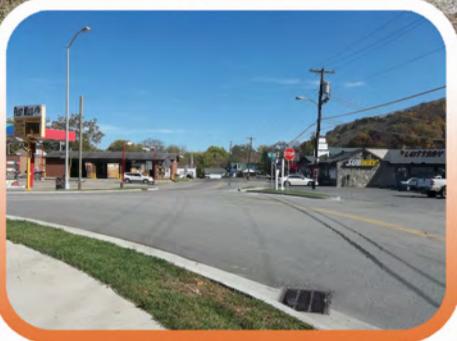
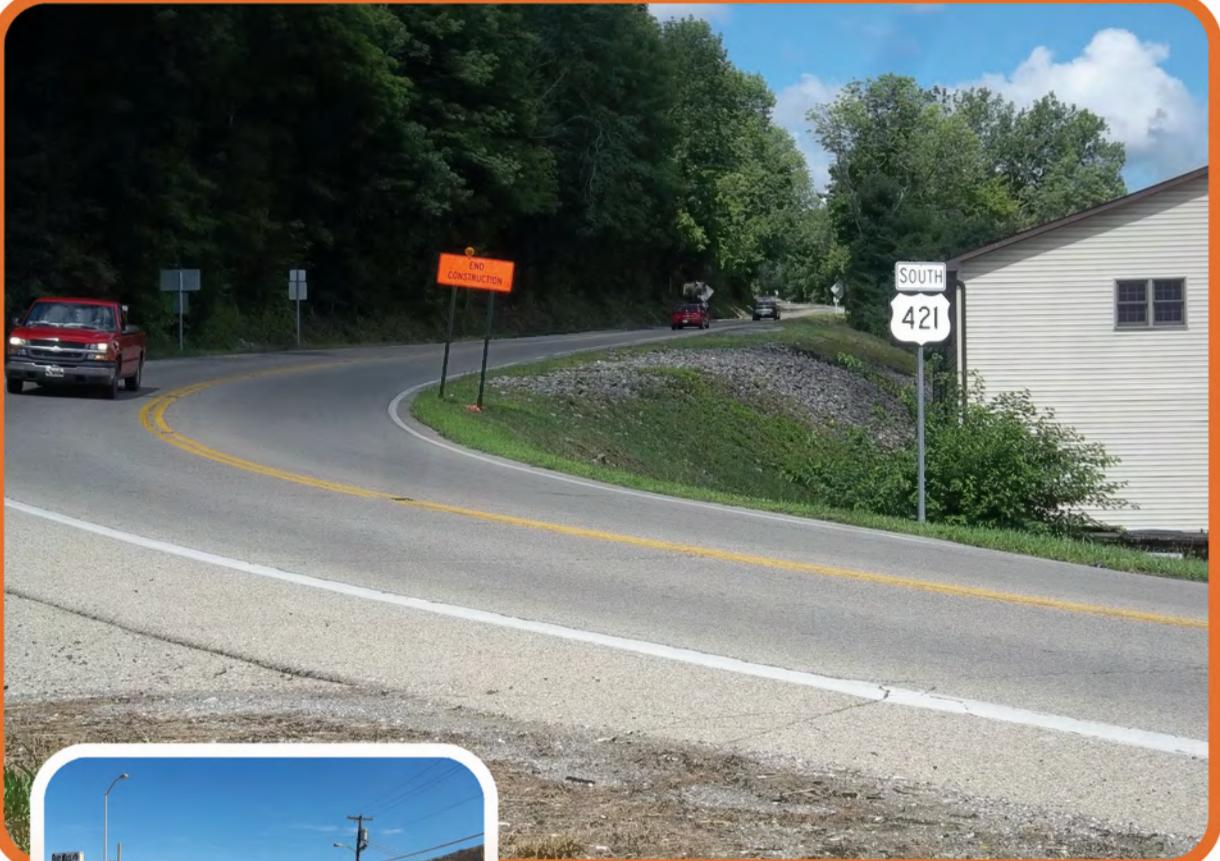


# US 421

MILTON-MADISON BRIDGE APPROACH  
TRIMBLE COUNTY  
ITEM NO. 5-135.81  
*PUBLIC INFORMATION MEETING*  
JANUARY 15, 2015



AMERICAN ENGINEERS, INC.

# TRIMBLE COUNTY US 421 ITEM NO. 5-135.81



## WELCOME

The Kentucky Transportation Cabinet (KYTC) welcomes you to the Public Information Meeting for the alignment improvement project for the approach to the Milton-Madison Bridge. The reason for this meeting is to present the project purpose and need along with four alternatives that are being considered to address these needs, meeting the goals of the project. To help the project progress through the preliminary design phase, the public is being asked to provide comments on the four project alternatives along with their benefit and impact to Milton.

KYTC appreciates your involvement in this project and we encourage you to visit the informational displays and speak with the project team members regarding any questions you may have concerning the project. Please complete the "Comment Form" and place it in the box near the sign-in-table or take the form home with you and submit it using the Pre-addressed envelopes that have been provided for your convenience. All written comments will be accepted up to 15 days after the Public Meeting.

## PURPOSE & NEED

**Purpose:** The purpose of this project is to improve safety, geometry and traffic flow on the approach to and from the Milton – Madison Bridge along US 421 through Milton, Kentucky.

**Need:** US 421 currently has narrow lanes and shoulders coming from the steep hill just south of Milton through the sharp horizontal curve to an intersection with KY 36. Trucks often track beyond their lane while navigating the horizontal curve as they slow for the intersection at KY 36. Small turning radii define the intersection of US 421 with KY 36 and downtown, creating turning issues as trucks once again must navigate outside of their defined lane while making turns into and out of downtown. Congestion and safety issues exist throughout the business district created by undefined entrances and their close proximity to the bridge, Coopers Bottom Road, and the US 421/KY 36 intersection. The sharp horizontal curve approach to the bridge with its steep grade and the close proximity of entrances to the bridge further compounds the congestion and safety concerns.

## PROJECT SUMMARY

This project is being designed to improve safety, geometry and traffic flow along US 421 from the Milton – Madison bridge to the US 421 hill just South of Milton. US 421 is classified as a rural minor arterial in mountainous terrain. The project will consist of a rural roadway design coming off the hill, consisting of two lanes, twelve feet in width each and eight foot paved shoulders. The portion of US 421 through the Business segment of Milton will consist of an urban roadway design consisting of curb and gutter with five foot sidewalks and access management.



## PROJECT GOALS

- Reduce traffic congestion.
- Accommodate truck traffic with a wider pavement width.
- Improve turning radii.
- Provide Access management.
- Improve pedestrian connectivity through the urban section.
- Minimize impacts to businesses.
- Minimize disruption to traffic during construction.

## FREQUENTLY ASKED QUESTIONS

When will this work take place?

This phase of the project is Design. Other phases are scheduled in the legislative approved 2014 Recommend Highway Plan as follows:

Construction - 2016

Will Existing traffic be affected during construction?

Lane widths will be reduced and some interruptions to traffic including some stoppages will occur through the use of flag persons directing traffic. Using flag persons, traffic will at times become one lane as construction is completed.

Who do I contact with concerns and questions?

Please use the contact information listed on the back cover of this booklet.

Where can I find information outside of this meeting?

The Public Information Meeting Displays are on file at the KYTC District 5, Louisville, KY office.





# Alternate A









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# Alternate C





**Alternative A** - Alternative A is 0.44 miles in length with an estimated construction cost of \$4.0 Million. This alternative provides a direct connection between the Milton-Madison Bridge and the US 421 hill bypassing Milton by filling over Coopers Bottom Road. This segment will be constructed using a rural typical section with right and left turn lanes from the new alignment of US 421 to the new connector into Milton. The new connector through Milton is 433 feet in length and will connect the “new” US 421 alignment to the “old” US 421 alignment, ending at the intersection with KY 36. This connector will be an urban section consisting of two lanes with curb and gutter and sidewalks. The existing sidewalk will be extended from the bridge along “new” US 421 to a crosswalk to the “new” connector to town ending near Dairy Queen. Access management will be improved by using the curb and gutter to define entrances. Coopers Bottom Road connectivity to town will change. Traffic will be rerouted through the reconstructed Bayne and High Streets with a segment length of 0.21 miles. The truck escape ramp will not be removed with this alternative. The total combined length of roadway segments reconstructed for this alternative is 0.73 miles.

**Alternative B** - Alternative B is 0.41 miles in length with an estimated construction cost of \$1.2 Million. This alternative includes a sweeping 25 MPH horizontal curve that extends US 421 along the truck escape ramp crossing Tiber Creek then curving back across Tiber Creek connecting to the intersection with KY 36. This segment will be constructed using a rural typical section. The segment of US 421 that runs from KY 36 through town to the Milton-Madison Bridge, will be an urban section consisting of three lanes with curb and gutter and sidewalks. The center lane will be used as a two way left turn lane (TWLTL). The existing sidewalk will be extended from Coopers Bottom Road, through Milton ending near Dairy Queen. Access management will be improved by using the curb to define entrances. US 421 will be the continuous movement with stop conditions for the KY 36 left and right turns into the new intersection. Turning radius for KY 36 will also be widened. The truck escape ramp is not anticipated to be reconstructed as a part of this alternative. The total combined length of roadway reconstruction for this alternative is 0.41 miles.

**Alternative C** - Alternative C is 0.31 miles in length with an estimated construction cost of \$0.9 Million. This alternative provides improvements to existing US 421 & KY 36 while basically following the existing alignment. Improvements on US 421 will begin 1024 feet south of the intersection with KY 36, and continue through the intersection with KY 36. This segment of US 421 will be widened to include constructing a flush median between the travel lanes to accommodate tracking for tractor-trailer trucks. This beginning segment will be constructed using a rural typical section with shoulders. The typical section will then change to an urban section at the first Dairy Queen entrance to the back of the parking area, while the median will change to a left turn lane into town. The intersection of US 421 and KY 36 will have improved radii, with the southbound US 421 right turn from town being designed to accommodate tractor-trailer trucks turning at a 15 MPH speed. The right turn from KY 36 into town will also be widened. Through town, US 421 will consist of three lanes with curb and gutter and sidewalks. The center lane will be used as a two way left turn lane (TWLTL). The existing sidewalk will be extended from Coopers Bottom Road, through Milton ending near Dairy Queen. Access management will be improved by using the curb to define entrances. The truck escape ramp will not be effected with this alternative. The total combined length of roadway reconstruction for this alternative is 0.31 miles.

**Alternative D** - Alternative D is the Do Nothing option meaning that no improvements would be made to the US 421 Milton – Madison Bridge approach through Milton, Kentucky.



NOTES





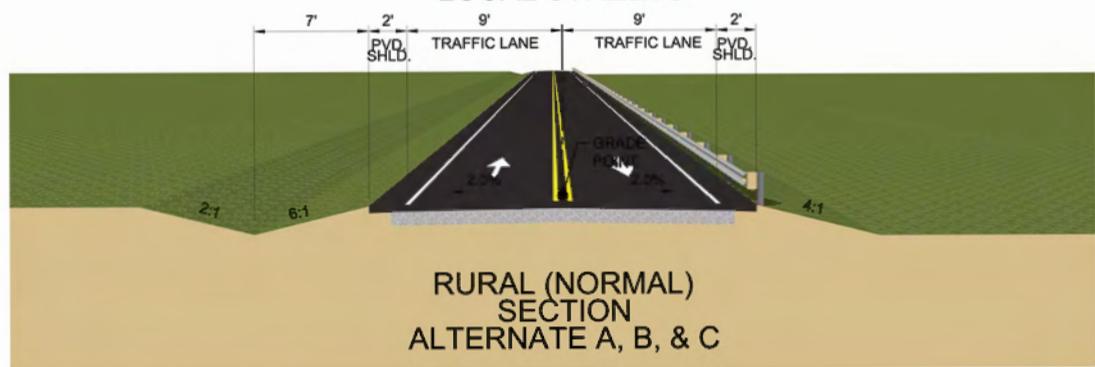
### US 421 CONNECTOR

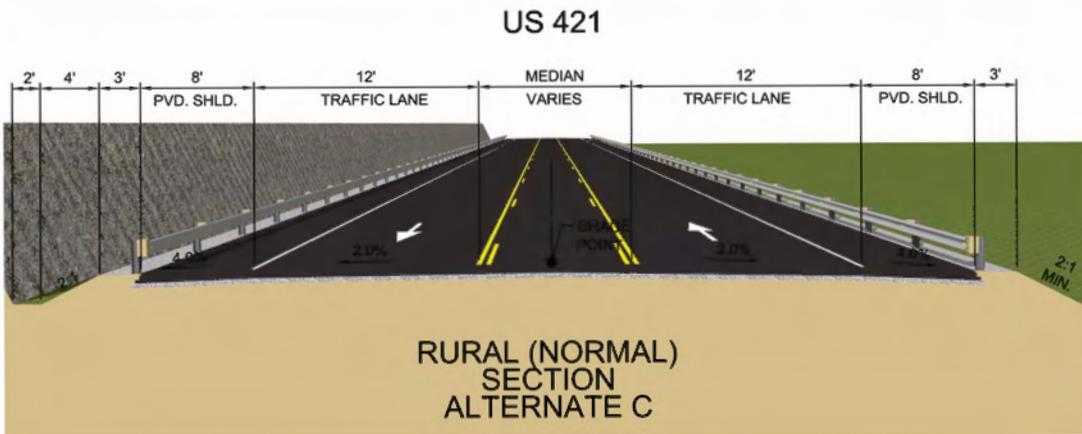
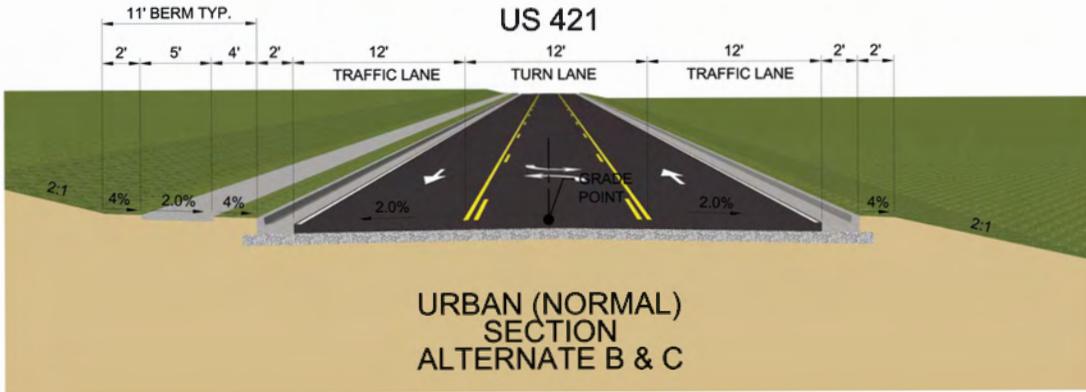


### US 421 CONNECTOR



### LOCAL STREETS







## CONTACT INFORMATION

**Ms. Beth Niemann, Project Manager  
Kentucky Transportation Cabinet  
District 5 Office - Design Section  
8310 Westport Road  
Louisville, KY 40242-3042  
Phone: (502) 210-5400**